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ABSTRACT

From July 1975 to June 1976, 2,229 students were graduated from the Hawaii Community College System, an increase of 12% over the previous year's total of 1,995 graduates. During this same period, 2,299 degrees and certificates were awarded: 65 graduates earned multiple degrees (five earned three degrees and/or certificates, 60 earned double degrees or certificates). Analysis by program shows that the 10 programs with the greatest number of graduates were (in descending order) Liberal Arts, Secretarial Science, Clerical, Accounting, Nursing, Sales/Management, Auto Mechanics Tech, Police Science, Food Services, and Electronics. Compared to the previous year, the number of Associate in Arts degrees granted increased by 23%, the number of Associate in Science degrees granted increased by 10%, and the number of Certificates of Achievement awarded increased by 10%. System-wide, the number of male graduates equalled the number of female graduates. An analysis by campus shows that the number of graduates at Hawaii and Leeward Community Colleges increased by 23% and 33%, respectively. However, the number of graduates at Kauai and Maui Community Colleges declined by 26% and 4%, respectively. Tables and charts indicating graduation rates from 1971-72 to 1975-76, and number of graduates by program for 1975-76 are appended. (Author/DC)

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University of Hawaii
Office of the Chancellor for Community Colleges
Educational Services Division

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U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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COMMUNITY COLLEGE GRADUATES
July 1, 1975 to June 30, 1976

Information on the number of community college graduates continues to be of great interest as the data are used as one of the indicators of program output.

This report on graduates differs from other reports in two basic ways: *(1)* Information on Hawaii Community College has been included for the first time. For this reason, the system totals are not the same as in previous reports. *(2)* The data in Table I reflect both the number of graduates and the number of diplomas awarded over the years. The data in Table II reflect the number of graduates, only. (Previous reports indicated the number of degrees and certificates awarded rather than graduates. A few students earned multiple degrees during the same semester and the totals for the previous years reflect this. Colleges may get comparable counts by referring to Appendix A.)

Source of Data

The information in this report was extracted from computer report 2527, Distribution of Graduates, as of June 30, 1976 and IRP 80, Degrees and Certificates Awarded, July 1975. Information cited in the appendices was submitted by the registrars or Deans of Instruction.

Highlights

1. A total of 2,229 graduates was reported in the July 1975-June 1976 period.

   a. This was an increase of 234 graduates (12%) compared to the previous year's total of 1,995 graduates.

   b. 2,299 degrees and certificates were awarded. 65 graduates earned multiple degrees (five earned three degrees and/or certificates; sixty earned double degrees or certificates). See Appendix A for details of multiple degrees and certificates.

2. The number of male graduates equaled the number of female graduates (1,114). However, there were variations among colleges and programs: Honolulu Community College--376 males, 71 females; Kapiolani Community College--149 males, 415 females; Business--138 males, 487 females; Health--20 males, 190 females; Technology--449 males, 50 females.

3. An analysis by campus shows that the number of graduates at Hawaii and Leeward Community Colleges increased by 23% and 33%, respectively. However, the number of graduates at Kauai and Maui Community Colleges declined by 26% and 4%, respectively.

   Several hypotheses have been offered for the decline in graduation rates: *(1)* more part-time students carrying lighter credit loads; *(2)* modular scheduling which enables students to proceed at their own rate; *(3)* fewer veterans completing programs because of funding.

4. The larger increase was in the number of Associate in Arts degrees granted. The number of Associate in Arts (AA) granted increased by 124 (23%); Associate in Science (AS), by 106 (10%) and Certificates of Achievement (CA), by 45 (10%).

   Information by campuses varies:

   a. Hawaii Community College: a 300% increase in AA degrees granted (8 to 32) and a 29% increase in AS degrees awarded.

   b. Kapiolani Community College: a 21% decrease in AA degrees awarded and a 23% increase in AS degrees granted.

   c. Kauai Community College: a 15% increase in AA degrees awarded but a 35% decrease in AS degrees granted.

   d. Leeward Community College: a 30% increase in AA degrees awarded; 39% in AS degrees granted.

   e. Maui Community College: a 27% increase in the number of AA degrees awarded but a 31% decrease in AS degrees granted.

5. Analysis by programs shows that the ten programs with the greatest number of graduates were:

Liberal Arts	650
Secretarial Science	164
Clerical	157
Accounting	155
Nursing	118
Sales/Management	113
Automotive Mechanics Tech	93
Police Science	80
Food Services	75
Electronics Tech	55

6. In addition to the AA, AS degrees and Certificates of Achievement, several campuses awarded Certificates of Completion for students who enrolled and completed certain sequences of "skill" courses for immediate employment or upgrading in a particular job. A total of 164 Certificates of Completions was awarded during fiscal year, July 1975 to June 1976. See Appendix B for details.

Summary

Although the number of graduates increased at most of the colleges this past year, in terms of the total enrollment, the number may still seem modest. However, comparative figures from other community colleges indicate similar proportions. For example, in California, the degrees awarded equaled 7.8% of the college enrollment. (Jerry Garlock, "An Analysis of the Degrees Awarded by 97 Community Colleges in California," El Camino College, Torrance, California, September 1975. As cited in ERIC Document Resume.)

Nevertheless, graduation figures are used as one of the measures of effectiveness. Questions which may be raised in this context are: To what extent are students who qualify for graduation not applying for diplomas? Why? Should they be encouraged to do so? What are the implications for curriculum revision? for scheduling of courses? graduation requirements?

TABLE I
COMMUNITY COLLEGE GRADUATES AND DIPLOMAS AWARDED
July 1, 1971 - June 30, 1976

Note: (1) System totals differ from those appearing in earlier reports. Data on Hawaii Community College are included for the first time.

(2) Percentages rounded.

College & Year	TOTAL GRADUATES		Degrees/Certificates Awarded (Includes Multiple Diplomas)				
	No.	% Change	TOTAL No.	AA No.	AS No.	Cert of Ach No.	No Data No.
TOTAL							
1971-72	1,521	+10	1,542	327	732	483	
1972-73	1,726	+13	1,746	391	795	560	
1973-74	1,703	-1	1,730	460	858	412	
1974-75	1,995	+17	2,042	530	1,051	433	28
1975-76	2,229	+12	2,299	654	1,157	478	10
HAWAII CC							
1971-72	235	+20	235		99	136	
1972-73	245	+4	245	8	116	121	
1973-74	222	-9	222	5	134	83	
1974-75	260	+17	260	8	171	81	
1975-76	320	+23	323	32	220	64	7
HONOLULU CC							
1971-72	411	-3	412	31	278	103	
1972-73	417	+1	420	39	258	123	
1973-74	401	-4	402	36	312	54	
1974-75	421	+5	421	49	310	57	5
1975-76	448	+6	454	60	316	76	2
KAPIOLANI CC							
1971-72	348	-8	352	24	187	141	
1972-73	457	+31	461	37	229	195	
1973-74	392	-14	400	60	172	168	
1974-75	512	+31	525	77	258	190	
1975-76	564	+10	590	61	318	211	
KAUAI CC							
1971-72	100	+56	100	27	29	44	
1972-73	121	+21	122	29	46	47	
1973-74	126	+4	126	39	57	30	
1974-75	140	+11	140	39	69	16	16
1975-76	104	-26	104	45	45	14	
LEEWARD CC							
1971-72	266	+59	275	190	48	37	
1972-73	336	+26	345	221	82	42	
1973-74	343	+2	353	220	90	43	
1974-75	396	+15	417	231	130	56	
1975-76	528	+33	557	301	180	76	
MAUI CC							
1971-72	161	+3	168	55	91	22	
1972-73	149	-7	152	56	64	32	
1973-74	189	+27	197	70	93	34	
1974-75	201	+6	214	66	113	33	2
1975-76	193	-4	199	84	78	36	1
WINDWARD CC							
1972-73	1		1	1			
1973-74	30		30	30			
1974-75	65	+117	65	60			5
1975-76	72	+11	72	71		1	

Source: CC-IRP 80, Degrees and Certificates Awarded, Community Colleges, July 1, 1974-June 30, 1975

TABLE II
COMMUNITY COLLEGE GRADUATES
July 1, 1975 - June 30, 1976

Note: Data on number of graduates only; previous IRP reports showed number of degrees awarded.

	TOTAL				HAWAII CC				HONOLULU CC				KAPIOLANI CC			KAUAI CC			LEEWARD CC			MAUI CC				WINDWARD CC		
	TOTAL	Deg	Cert	No Data	Sub-tot	Deg	Cert	ND	Sub-tot	Deg	Cert	ND	Sub-tot	Deg	Cert	Sub-tot	Deg	Cert	Sub-tot	Deg	Cert	Sub-tot	Deg	Cert	ND	Sub-tot	Deg	Cert
TOTAL	2,229*	1,774	445	10	320	250	63	7	448	371	75	2	564	369	195	104	90	14	528	466	62	193	157	35	1	72	71	1
Male	*1,114*	*977*	*132*	*5*	*161*	*151*	*6*	*4*	*376*	*312*	*63*	*1*	*149*	*131*	*18*	*63*	*50*	*13*	*242*	*230*	*12*	*95*	*75*	*20*	*0*	*28*	*28*	
Female	*1,114*	*797*	*313*	*4*	*159*	*99*	*57*	*3*	*71*	*59*	*12*		*415*	*238*	*177*	*41*	*40*	*1*	*286*	*236*	*50*	*98*	*82*	*15*	*1*	*44*	*43*	*1*
No Data	*1*			*1*					*1*			*1*																
GENERAL & PRE-PROF	650	650			32	32			58	58			60	60		45	45		301	301		83	83			71	71	
Male	*349*	*349*			*19*	*19*			*36*	*36*			*36*	*36*		*29*	*29*		*156*	*156*		*45*	*45*			*28*	*28*	
Female	*301*	*301*			*13*	*13*			*22*	*22*			*24*	*24*		*16*	*16*		*145*	*145*		*38*	*38*			*43*	*43*	
VOCATIONAL EDUCATION	1,569	1,124	445		281	218	63		388	313	75		504	309	195	59	45	14	227	165	62	109	74	35		1		1
Male	*760*	*628*	*132*		*138*	*132*	*6*		*339*	*276*	*63*		*113*	*95*	*18*	*34*	*21*	*13*	*86*	*74*	*12*	*50*	*30*	*20*				
Female	*809*	*496*	*313*		*143*	*86*	*57*		*49*	*37*	*12*		*391*	*214*	*177*	*25*	*24*	*1*	*141*	*91*	*50*	*59*	*44*	*15*		*1*		*1*
Business	625	441	184		104	72	32						291	197	94	15	14	1	158	113	45	56	45	11		1		1
Accounting	155	135	20		27	26	1						45	45		3	3		64	50	14	16	11	5				
Business	6	5	1										1		1	5	5											
Clerical	157	15	142		31		31						89		89	5	5		16		16	15	10	5		1		1
Computer Science	30	27	3		3	3							18	15	3				9	9								
Sales/Management	113	112	1		16	16							68	67	1				18	18		11	11					
Secretarial Science	164	147	17		27	27							70	70		2	1	1	51	36	15	14	13	1				
Education	12	12							1	1									11	11								
Industrial Education	1	1							1	1																		
Recreational Inst.	11	11																	11	11								
Health Services	210	112	98		33	20	13						155	70	85	13	13					9	9					
Dental Assisting	22		22										22		22													
Medical Assisting	13	13											13	13														
Medical Lab Tech	12	12											12	12														
Medical Records Tech	3	3											3	3														
Nursing	118	42	76		33	20	13						63		63	13	13					9	9					
Occupational Therapy	14	14											14	14														
Radiologic Tech	9	9											9	9														
Respiratory Therapy	19	19											19	19														
Hotel & Food Services	79	59	20		13	13			4	2	2		55	39	16				7	5	2							
Commercial Baking	4	2	2						4	2	2																	
Food Services	75	57	18		13	13							55	39	16				7	5	2							
Public Services	144	133	11		17	17			98	93	5		3	3		6	6		16	10	6	4	4					
Fire Science	32	29	3		3	3			28	25	3					1	1											
Human Services	13	11	2						13	11	2																	
Legal Assistant	3	3											3	3														
Library Technology	16	10	6																16	10	6							
Police Science	80	80			14	14			57	57						5	5					4	4					
Technology	499	367	132		114	96	18		285	217	68					25	12	13	35	26	9	40	16	24				
Agriculture	12	12			12	12																						
Apparel Des & Constr	32	11	21		12		12		16	11	5											4		4				
Applied Arts	5	5							5	5																		
Applied Trades**	8	8							8	8																		
Auto Body Rep & Maint	27	13	14		9	5	4		15	7	8											3	1	2				
Automotive Mechanics	93	59	34		10	10			40	27	13					13	4	9	18	13	5	12	5	7				
Aviation Maintenance	8	7	1						8	7	1																	
Carpentry	47	33	14		12	12			14	10	4					8	4	4				13	7	6				
Cosmetology	7	3	4						7	3	4																	
Drafting Tech	53	43	10		11	11			22	16	6					3	3		14	10	4	3	3					
Electricity	38	29	9		11	10	1		27	19	8																	
Electronics Tech	55	55			5	5			50	50																		
Engineering Tech	7	7							7	7																		
Heavy Equipment Rep	19	14	5		11	11			8	3	5																	
Machine Shop	10	9	1		8	8			2	1	1																	
Maintenance Tech	4		4																			4		4				
Marine Tech	3	3																	3	3								
Refrig & Air Cond	20	20							20	20																		
Sheet Metal & Plastics	17	13	4						17	13	4																	
Welding	34	23	11		13	12	1		19	10	9					1	1					1		1				
NO DATA	10			10	7			7	2			2										1			1			
Male	*5*			*5*	*4*			*4*	*1*			*1*																
Female	*4*			*4*	*3*			*3*														*1*			*1*			
No Data	*1*			*1*					*1*			*1*																

*An additional 70 diplomas were awarded for multiple degrees and certificates. See Appendix A for details.

**Associate in Science degree recipients in the apprentice trades.

Source: SER Computer Report 2527, June 30, 1976.

APPENDIX A

SECOND/THIRD DIPLOMAS AWARDED
BY COLLEGE
July 1, 1975 - June 30, 1976

College	Additional Diplomas Awarded				Head-Count
	Total	Liberal Arts AA	Vocational AS	Vocational CA	
TOTAL	70	3	34	33	65
Hawaii CC	3	0	2	1	3
Applied Design	1			1	
Secretarial Science	2		2		
Honolulu CC	6	1	4	1	4*
Liberal Arts	1	1			
Auto Mechanics Tech.	2		1	1	
Electronics Tech.	1		1		
Fashion Design & Merch.	1		1		
Fire Science	1		1		
Kapiolani CC	26	1	9	16	25**
Liberal Arts	1	1			
Bookkeeping	6			6	
Data Processing Oprs.	2			2	
Food Service, Culinary Arts	2			2	
Clerical, General	4			4	
Mid-Mgt., Hotel Oprs.	4		4		
Mid-Mgt., Merchandising	3		3		
Secretarial Science	2		2		
Clerical, Stenography	2			2	
Leeward CC	29	0	15	14	27*
Accounting	7		3	4	
Automotive Tech.	2			2	
Clerical, Typist	2			2	
Computer Science	1		1		
Food Service, Hosp. Ed.	3			3	
Management	7		7		
Marine Tech.	1		1		
Recreational Inst. Prog.	4		2	2	
Secretarial Science	1		1		
Stenography	1			1	
Maui CC	6	1	4	1	6
Liberal Arts	1	1			
General Office Training	3		3		
Secretarial Science	1		1		
Welding	1			1	

*2 students earned 2 more diplomas.

**1 student earned 2 more diplomas.

Sources: Deans of Instruction/Registrars

APPENDIX B

CERTIFICATES OF COMPLETION AWARDED
July 1, 1975 - June 30, 1976

Campus	Total	Program Areas
System	164	
Hawaii CC	5	Nursery School Training (1) Nurses Aide Training (4)
Honolulu CC	57	Electronics Tech (Bio-Medical) (16) Aviation Maintenance (39) Automotive Mechanics Technology (1) Auto Body Repair & Painting (1)
Kapiolani CC	66	Nurses Aide Training (66)
Kauai CC	1	Welding Technology (1)
Leeward CC	30	Automotive Technology (15) Drafting Technology (1) Food Service (14)
Windward CC	5	Clerical - Typist (5)

Sources: Deans of Instruction/Registrars

UNIVERSITY OF CALIF.
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